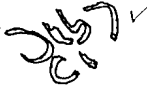


CLAIMS:

I claim:

1  1. A battery cable connector comprising:
 2 a body having threads formed thereon and having
 3 an electrically conductive prong attached thereto
 4 along an elongated axis of said body and extending
 5 therefrom for piercing the end of an electrical cable;
 6 a cap having threads thereon removably attached
 7 to said body threads and having an opening
 8 therethrough, said cap being aligned with said body
 9 electrically conductive prong when said body cap is
 10 attached to said body; and
 11 a compression collar sized to fit over said
 12 electrically conductive prong and over an electrical
 13 conductor passing through said cap, said compression
 14 collar having a conductor gripping means for gripping
 15 and holding a conductor onto said body when said cap
 16 is attached to said body over said collar, whereby an
 17 electrical cable can be secured to said bottom
 18 terminal connector.

1 2. A battery cable connector for coupling to one
 2 end of an electrical cable in accordance with claim 1
 3 in which said compression collar has a plurality of
 4 fingers extending from the end thereof compressible
 5 onto an electrical conductor passing therethrough.

1 3. A battery cable connector in accordance with
 2 claim 2 in which each of said collar plurality of
 3 fingers has an insulation penetrating point on the
 4 end thereof positioned to penetrate into the
 5 insulation on an insulated electrical cable passing
 6 therethrough.

1 C) 4. A battery cable connector in accordance with
2 claim 3 in which said collar is fixedly attached to
3 said body and extends over said prong extending from
4 said body.

1 5. A battery cable connector in accordance with
2 claim 3 in which said collar is fixedly attached to
3 said cap for compression onto an insulated conductor
4 extending therethrough.

1 6. A battery cable connector in accordance with
2 claim 3 in which said body had a bore extending
3 thereinto and said prong extends from said body into
4 said bore along the center axis of said bore.

1 7. A battery cable connector in accordance with
2 claim 1 in which said body has a pair of prongs
3 thereon, one extending in a generally opposite
4 direction from the other said prong.

1 8. A battery cable connector in accordance with
2 claim 6 in which said body has two sets of threads
3 and two threaded caps, one for threadedly attaching to
4 each set of body threads on each end of said body over
5 one of said pair of prongs.

1 9. A battery cable connector in accordance with
2 claim 3 in which said collar is shaped to fit over the
3 end of an insulated electrical conductor and be
4 compressed thereon.

- 1 10. A battery cable connector in accordance with
2 claim 1 in which said compression collar is rotatably
3 mounted to said cap.

1 C) ✓ 11. An electrical connector for coupling to an
2 electrical conductor thereto comprising:

3 a body having an electrically conductive prong
4 attached thereto along an elongated axis of said body
5 and extending therefrom for piercing the end of an
6 electrical conductor being attached thereto; and

7 a body cap removably attachable to said body and
8 having an opening therethrough, said body cap having
9 a compression collar rotatably mounted through said
10 cap opening and sized to fit over an electrical
11 conductor passing therethrough, said compression
12 collar having a conductor gripping means for gripping
13 and holding a conductor thereto and onto said body
14 when said cap is attached to said body, whereby an
15 electrical conductor can be inserted through said body
16 cap and compression collar and onto said electrically
17 conductive prong and said body cap and collar attached
18 to said body to form an electrically conductive
19 connection to said electrical connector.

1 12. An electrical connector for coupling to an
2 electrical conductor thereto in accordance with claim
3 11 in which said compression collar has a flared end
4 portion to hold said compression collar in said body
5 cap from one end thereof.

1 13. An electrical connector for coupling to an
2 electrical conductor thereto in accordance with claim
3 12 in which said compression collar has a flange
4 therearound along the center portion thereof to hold
5 said compression collar in said body cap from the
6 other end thereof.

ADD 7
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